

Job Risk Analysis																		
Name(s) of Risk Team Members: P. Cirnigliaro, D. Savage				Point Value → Parameter ↓		1		2		3		4		5				
Job Title: Radiation/contamination work, work on the Berms Job Number or Job Identifier: JRA 7a				Frequency (B)		≤once/year		≤once/month		≤once/week		≤once/shift		>once/shift				
Job Description: Removing Chipmunk from Booster Berm				Severity (C)		First Aid Only		Medical Treatment		Lost Time		Partial Disability		Death or Permanent Disability				
Training and Procedures List (optional):				Likelihood (D)		Impossible		Unlikely		Possible		Probable		Multiple				
Approved by: <i>E. Lessard</i> Date: 8-12-04 Rev. #: 0																		
Stressors (if applicable, please list all):				Reason for Revision (if applicable):						Comments: A chipmunk is a small portable radiation monitor weighing about 15 pounds								
				Before Additional Controls										After Additional Controls				
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction		
Drive to and from Booster berm	Highway accident	Training, procedures	N	1	2	3	2	12										
Remove source from shielded container	Exposure to radiation	Shielding, procedures, training, use of tongs to increase distance from source, minimizing exposure time	N	1	2	1	3	6										
Walk to/from chipmunk on berm	Tick induced illness	Ensure grass is cut on berm, protective clothing, application of tick repellant	N	1	2	3	3	18										
Walk to/from chipmunk on berm	Falls on same level, falls to lower level	Procedures, training, proper foot wear	N	1	2	3	3	18										
Walk to/from chipmunk on berm	Radiation exposure	Procedures, minimizing time of exposure, training	N	1	2	1	2	4										
Open chipmunk house	Insect bites, bodily reaction	Protective clothing, application of insect repellant	N	1	2	2	3	12										
Open chipmunk house lid	Struck by an object, door of house can be blown closed by the wind	None	N	1	2	2	3	12	Investigate modifying chipmunk house doors to latch/lock open	N	1	2	2	2	8	33 %		
Test operation of chipmunk on berm	Exposure to radiation	Procedures, minimizing time of exposure, training	N	1	2	1	3	6										

Disconnect AC/signal line from chipmunk if it needs to be replaced	Exposure to electrical shock	Procedures, training	N	1	2	2	2	8								
Carry chipmunk down from berm	Falls on same level, falls to lower level	Proper foot wear	N	1	2	3	3	18								
Replace source in shielded container	Exposure to radiation	Shielding, procedures, training, use of tongs to increase distance from source, minimizing exposure time	N	1	2	1	3	6								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20		21 to 40			41-60				61 to 80				81 or greater		
	Negligible		Acceptable			Moderate				Substantial				Intolerable		